

# Practical Syllabus for Class XII(2025-26)

## Computer

### Python Programming

C1.Read a text file line by and display each word separated by a #.

C2.Read a text file and display the number of vowels/consonants/uppercase/lowercase character in the file.

C3.Remove all the lines that contain the character 'a' in a file and write it to another file.

C4.Create a binary file with name and roll number. Search for a given roll number and display the name, if not found display appropriate message.

C5. Create a binary file with roll number, name and marks. Input a roll number and update the marks.

C6.Write a random number generator that generates random numbers between 1 and 6 (simulates a dice).

C7. Write a Python program to implement a stack using list.

C8. Create a CSV file by entering user-id and password, read and search the password for given user id.

### Database Management

\*Create a student table and insert data. Implement the following SQL commands on the student table:

C1. ALTER table to add new attributes/modify data type/drop attribute/modify data/drop attribute

C2.UPDATE table to modify data

C3.ORDER By to display data in ascending/descending order

C4.DELETE to remove tuple(s)

C5.GROUP BY and find the min,max,sum,count and average

- Similar exercise may be framed for other cases.
- Integrate SQL with Python by importing suitable module.

## Physical Education

1. Fitness tests administration
2. Procedure for Asanas, Benefits and contradictions for any two Asanas for each lifestyle disease.
3. Procedure for administering senior citizen fitness test for 5 elderly family members.
4. Any one game of your choice out of the following list with labelled diagram of the field and equipment.

(Rules, Terminologies and skills)

- Athletics
- Basket Ball
- Cricket
- Hockey
- Football
- Volley Ball
- Hand Ball
- Badminton
- Kabaddi
- Kho-Kho

### **Accounts**

- Prepare a project file

Topic-Comprehensive study of a specific company.

### **Business studies**

\*Prepare a project file

Topic Principles of management

Or

Marketing Mix (choose any one product)

Like –

- a) Hair oil
- b) Chocolate
- c) Shampoo
- d) Car
- e) Moisturizer
- f) Tea

### **Economics**

Prepare one project file (A-4sheets)

You can choose any topic from the CBSE syllabus or can choose from the same also:

1. Aggregate demand and aggregate supply
2. Global warming
3. National income
4. Green revolution
5. Indian economy on the eve of independence
6. Government budget

